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Declassification Review by NIMA/DOD 3/9/00

NPIC/R-1205/63

CRUISE-MISSILE LAUNCH SITE NEAR CAMPO FLORIDO, CUBA

25X1D
A cruise-missile launch site similar to those near Banes, Santa Cruz del Norte, and Sigüanea in Cuba has been identified at 23-06-25N 82-11-00W (UTM 17QLR798557 on AMS Series E 723, Sheet 3785 II), 3.2 nautical miles west-southwest of Campo Florido (Figure 1). Equipment for this site was first observed on high-altitude photography of [REDACTED]

Unlike the Banes, Santa Cruz del Norte, and Sigüanea sites, where extensive construction of launch and equipment revetments has occurred, construction at the Campo Florido site has been limited to two rectangular revetments, both of which are unoccupied. Another difference is the lack of troop housing at the site; however, an

adjacent institutional installation is probably being used for troop housing and support functions. The lack of revetments at the Campo Florido site, the proximity of the site to the Santa Cruz del Norte site, and the orientation of its launchers toward Havana suggest an additional function -- possibly troop training -- may be assigned to this site. The institution previously mentioned would have the capability to house, support, and provide classroom space for troops undergoing training.

Equipment identified at this site on [REDACTED] photography includes 2 launchers, a maximum of 10 crates, 8 missile transporters, 2 probable SHEET BEND radars, and

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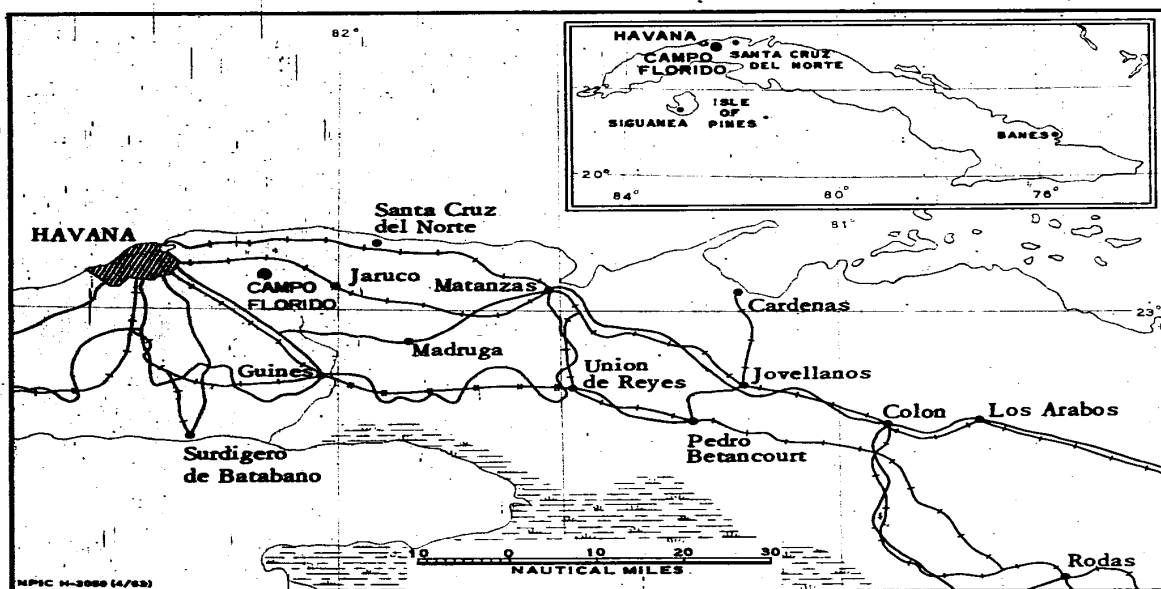


FIGURE 1. LOCATION OF CRUISE-MISSILE LAUNCH SITE NEAR CAMPO FLORIDO.

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FIGURE 2. CRUISE-MISSILE LAUNCH SITE AND ADJACENT SUPPORT AREA

one unidentified tall-mast radar (Figure 2). This site probably has an operational capability. A breakdown of all significant features follows (item numbers are keyed to Figure 3).

Two launchers (items 1 and 2). Both launchers are unrevetted and measure approximately [redacted] feet in length. The first launcher (item 1) is oriented on an azimuth of approximately 230 degrees and is covered by a large sheet of canvas measuring approximately 70 by 35 feet. The second launcher (item 2) is located 160 feet south of the other launcher (item 1) and is oriented on an azimuth of approximately 195 degrees. It also is canvas covered.

Probable control van (item 3). This van is canvas covered and measures approximately [redacted] feet. It is located 155 feet northeast of the north launcher (item 1) and is connected by cable to that launcher. In addition, the van is con-

nected by cable to facilities denoted in this report as items 5, 6, 7, 8, 9, and 10.

Probable control van (item 4). This van is canvas covered and measures approximately [redacted] feet. It is located 125 feet northeast of the south launcher (item 2) and is connected by cable to that launcher. In addition, the van is connected by cable to facilities denoted in this report as items 5, 6, 7, 8, 9, and 10.

Probable SHEET BEND radar (item 5). This radar is canvas covered and is located approximately 360 feet east of the two launchers in a central guidance area. This radar is connected by cable to both launchers and to facilities denoted in this report as items 6, 7, 8, 9, and 10.

Possible power generator van (item 6). This van is canvas covered and measures approximately [redacted] feet. Because all cables within the installation appear to enter this van and

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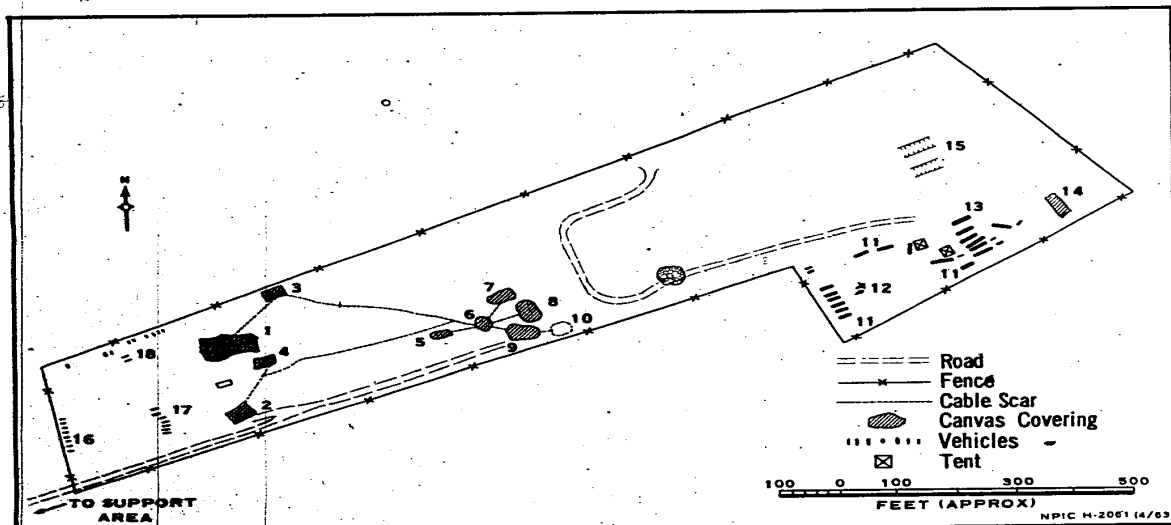


FIGURE 3. CRUISE-MISSILE LAUNCH SITE.

because of its central location among the guidance facilities, it may be a power generator.

Unidentified radar (item 7). This unidentified tall-mast radar is canvas covered and is connected by cable to the two launchers, both probable SHEET BEND radars, the two control vans, and the possible power generator van.

Probable SHEET BEND radar (item 8). This radar is canvas covered and is located approximately 140 feet east of the other probable SHEET BEND radar. It is connected by cable to the launchers, the unidentified radar, the other probable SHEET BEND radar, and the possible power generator van.

Possible communications vans (item 9). There are probably two vans under the canvas covering. They measure approximately [redacted] feet each. These vans are connected by cable to the possible power generator van and may serve as a communications center.

Unidentified equipment (item 10). The un-

identified equipment is canvas covered and is connected by cable to the possible communication vans.

Crates (item 11). There are 10 missile shipping crates [redacted]

Missiles (item 12). The two KENNEL-type missiles measure approximately [redacted] in length and [redacted] in diameter. The assembled missile has a 15-foot wing span. One of the missiles has had its wings removed.

Missile transporters (item 13). Seven of the eight missile transporters are canvas covered, four have prime movers attached, and one is empty.

Possible missile checkout area (item 14). The possible missile checkout area is canvas covered and measures approximately 50 by 20 feet. Two missile shipping crates -- not present on the [redacted] photography -- were observed earlier at this location.

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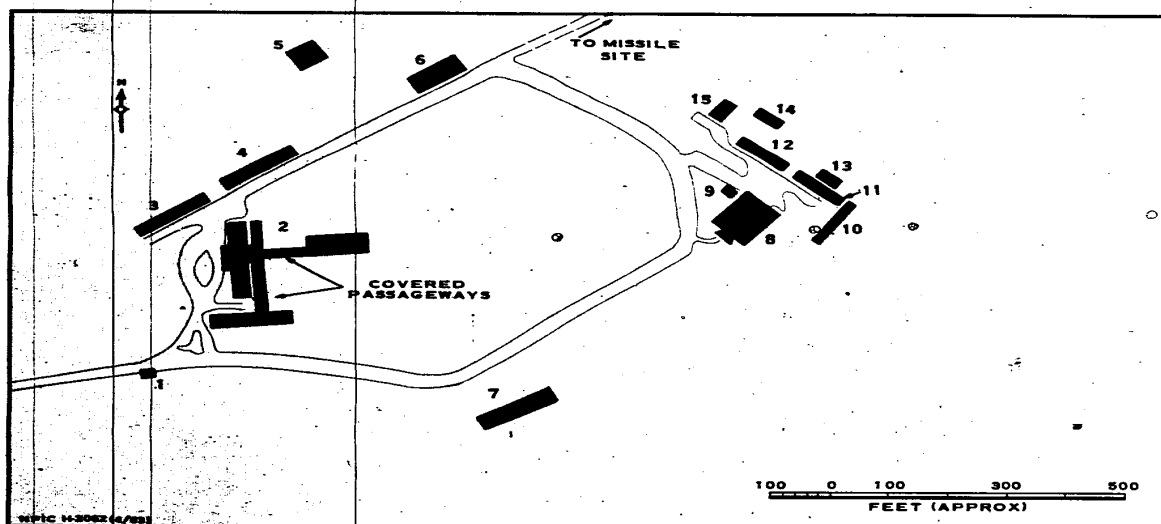


FIGURE 4. SUPPORT AREA.

Revetments (item 15). The two revetments are unoccupied and measure approximately 75 by 20 and 65 by 20 feet.

Vehicles and equipment (items 16-18). These include 8 AT-S tracked prime movers

(item 16), 7 pieces of unidentified equipment (item 17), and 11 vehicles of varying sizes and types (item 18). Two trucks are located near the missile shipping crates (item 11).

SUPPORT FACILITIES

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No support facilities were observed at the cruise-missile launch site; however, a large institutional installation is located just west of the site and is probably used for troop housing, administration, and training. This area contains 15 main buildings. A probable guardhouse, [REDACTED], with a control gate (Figure 4, item 1) is located on the main road at the entrance to the support area. Mensural data and descriptions of the other 14 buildings follow (all item numbers are keyed to Figure 4).

Building (item 2). This irregular-shaped, flat-roofed building measures 180 by 35 feet and

has two flat-roofed wings, [REDACTED], connected by covered passageways.

Buildings (items 3-15).

Item	Roof Configuration	Dimensions (ft)
3*, 4	gable	[REDACTED]
5	gable	50 x 45
6	flat	[REDACTED]
7	gable	135 x 35
8	combination gable and flat	90 x 70
9	flat	25 x 20
10-12	gable	[REDACTED]
13	gable	[REDACTED]
14*	gable	[REDACTED]
15*	gable	[REDACTED]

*Completed since site was first observed in [REDACTED]

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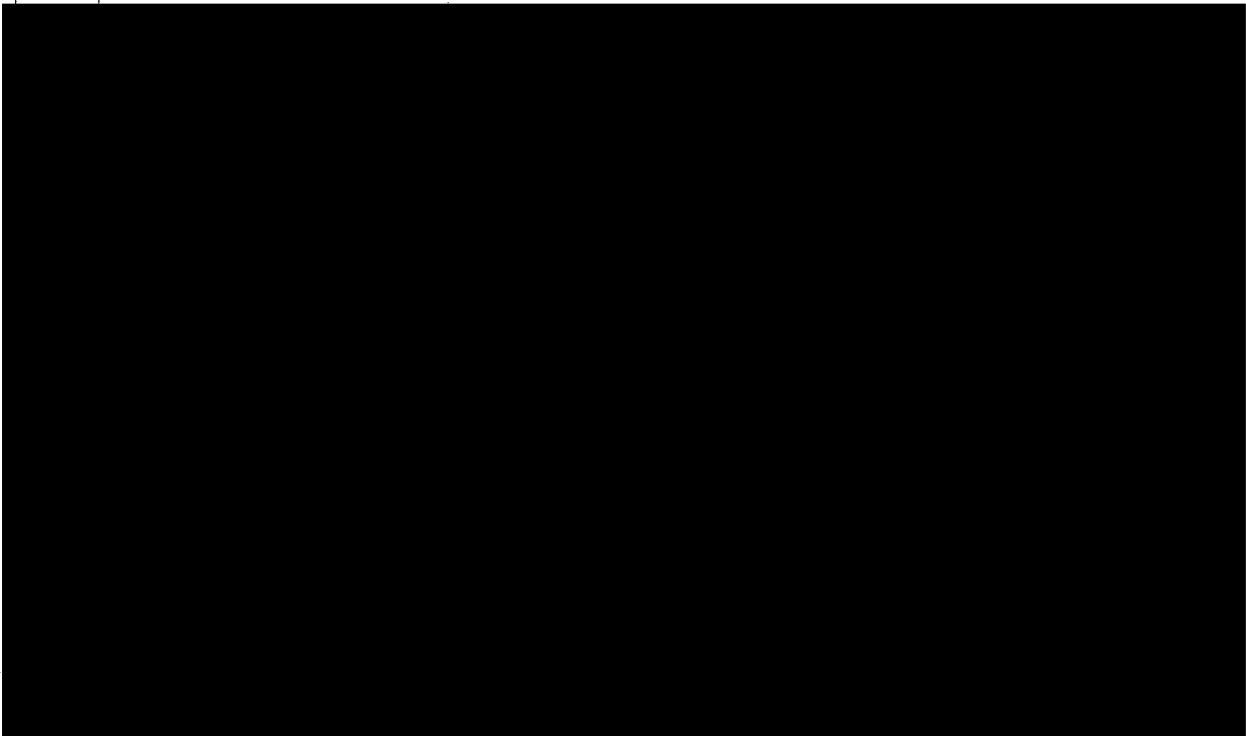
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REFERENCES

PHOTOGRAPHY

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MAPS OR CHARTS

25X1C

AMS. Series E 723, Sheet 3785 II, Jaruco, 3d ed, Dec 61, scale 1:50,000 (FOR OFFICIAL USE OF GOVERNMENTS
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REQUIREMENT

NPIC. PC 174-62

NPIC PROJECT

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